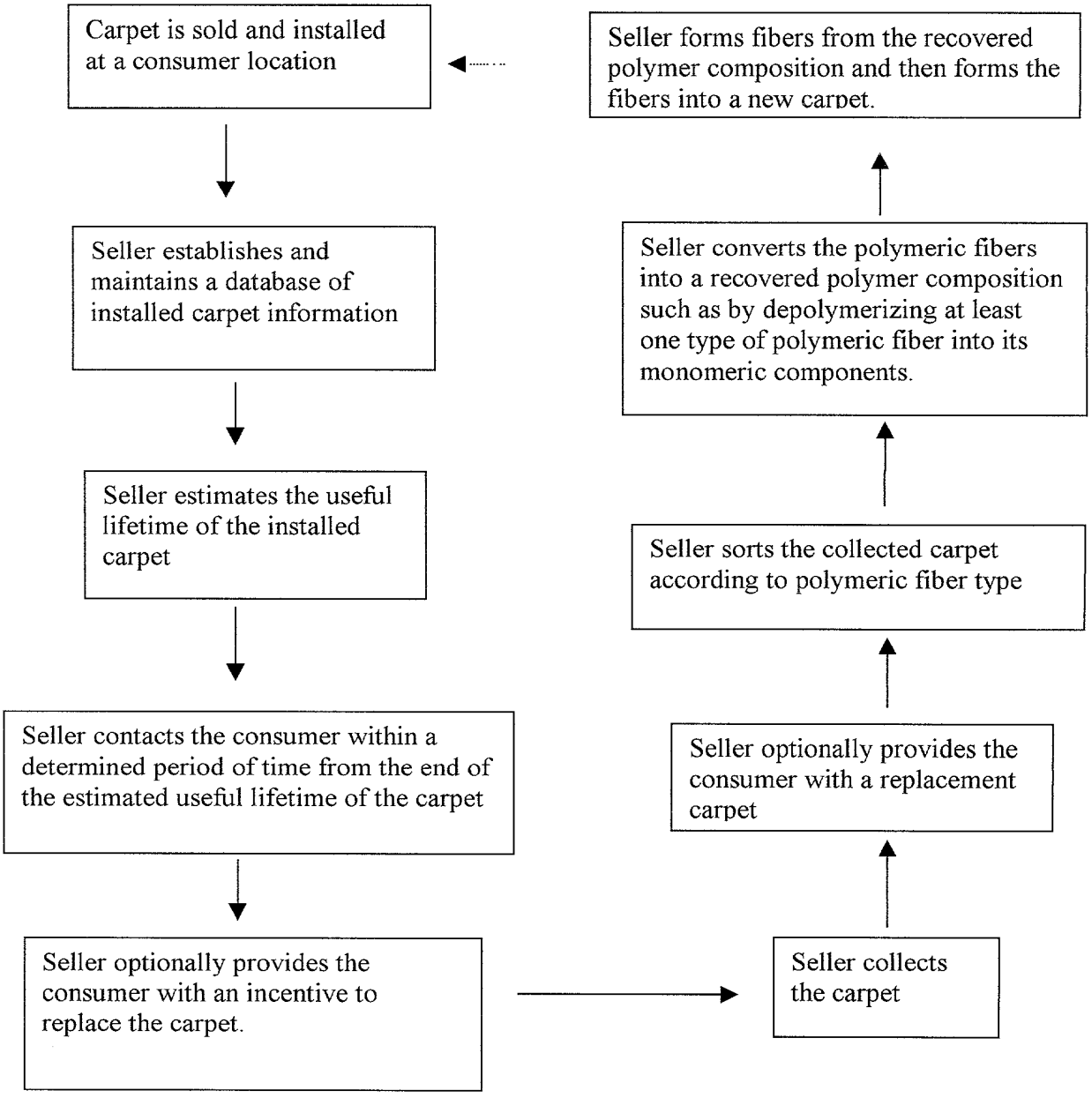
FIG. 1


Carpet is sold and installed at a consumer location
Seller establishes and maintains a database of installed carpet information
Seller estimates the useful lifetime of the installed carpet
Seller contacts the consumer within a determined period of time from the end of the estimated useful lifetime of the carpet
Seller optionally provides the consumer with an incentive to replace the carpet.
Seller collects the carpet
Seller optionally provides the consumer with a replacement carpet
Seller sorts the collected carpet according to polymeric fiber type
Seller converts the polymeric fibers into a recovered polymer composition such as by depolymerizing at least one type of polymeric fiber into its monomeric components.
Seller forms fibers from the recovered polymer composition and then forms the fibers into a new carpet.